

ABSTRACT

This invention is directed to a radio station and a data packet transmitting/receiving method for carrying out transmitting/receiving operations of data by radio. At an identification packet generating section (14), such an approach is employed to generate identification packet having a data format in which broadcast address is caused to be destination address and MAC address of corresponding data station is caused to be source address to send out such a packet to wireless network to thereby detect loop to hold normal communication state.

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